



American Dynamics

From Tyco Security Products

victor Unified Client

DSC PowerSeries User Guide

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Introduction

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Overview

The victor DSC PowerSeries Integration provides advanced, seamless integration with the DSC PowerSeries Security System, allowing customers to monitor their important intrusion system devices from the victor Unified Client interface.

The general DSC PowerSeries Security System is made up of DSC control Panels, one or more keypads and various sensors and detectors. All the keypads have an audible indicator and command entry key. They are used to send commands to the system and to display the current system status. The security system has several zones of area protection, and each of these zones is connected to one or more sensors, such as Motion detectors or door contacts. A sensor in alarm will be indicated by corresponding zone.

The service can be used by victor to access DSC Control Panels through the IT-100 data integration module, which provides an Application Programming Interface to allow third-party applications to communicate with the PowerSeries Security System.

The union of this high-end DSC PowerSeries product and victor Unified Client provides extensive system integration opportunities. It allows you to import a DSC Control Panel configuration and acquire DSC Control Panel status changes. Partition and Zone status and all alarms, troubles, and emergency information from the DSC PowerSeries Security System are stored in victor's detailed journal. The integration also provides a virtual keypad as a convenience.

NOTE

The only way to change the configuration in the physical DSC panel is by actual keypad or virtual keypad.

Features

The following is a list of major features supported by the victor DSC PowerSeries Integration:

- PC1864/PC1832/PC1616 panels.
- Remote management of DSC panels through Lantronix devices.
- Communication with DSC panel, journal and acquisition of panel, partition, and zone status.
- Arm and disarm partition.
- Import panel configuration, and show partition and zone mapping.
- Use of the Virtual Keypad.
- Implement arm/disarm partition, Fire/Auxiliary/Panic alarm, and command output actions.

Architecture

The objective of the victor DSC PowerSeries Integration service is to provide a standard interface between the DSC PowerSeries product family and victor via an RS-232 serial port or network port when you used UDS1100 to convert serial port of IT-100 module into a network port. The service listens to DSC PowerSeries unsolicited messages and communicates them to victor. victor processes these messages and communicates them to users as object state changes, activities, events, and alarms according to the way the DSC PowerSeries objects in the victor database are configured.

The DSC PowerSeries Integration service gives you the ability to import a DSC panel's configuration in victor, and arm/disarm partitions. The DSC PowerSeries Integration service also listens to DSC PowerSeries product unsolicited messages and processes them into victor Journal messages.

Configuring the Connection to a DSC Panel

DSC panel hardware must have an IT-100 module to provide an RS-232 serial port to connect to DSC PowerSeries Integration. This section explains how to configure the connection to a DSC panel in the victor system.

Serial Connectivity Settings

The IT-100 module is connected to the victor server's COM port using a null-modem RS-232 cable with DB25 connector on the DSC panel end and a DB9 connector on the victor server end.

Both the IT-100 module and the victor DSC Integration need to be configured for the same communication settings.

Network Connectivity Settings

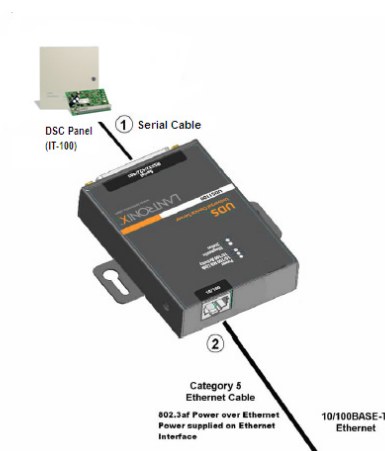
If you want to use Network Port to establish communication between the victor server and DSC panel, you must use the third party device to convert the serial port into network port. This is intended for users that will use third party UDS1100 hardware with the victor DSC PowerSeries Integration system. This is a brief instruction on how to install the UDS1100 hardware device and how to use it to convert a serial port to network port. See UDS1100 User Guide for more information.

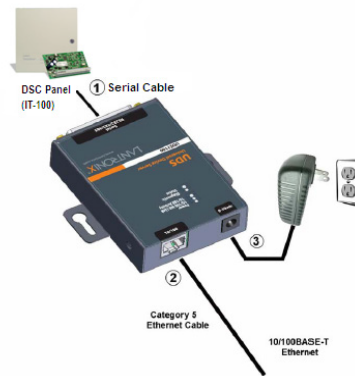
Installing the UDS1100 Hardware Device

1. Connect the serial port of IT-100 to the serial port of UDS1100 unit by a "straight-through" RS-232 cable. Only the RX, TX, and GND connections are used on IT-100.
2. Connect an Ethernet cable to the RJ45 port of UDS1100 unit.
3. For the UDS1100-POE version, power is supplied to UDS1100 unit over the Ethernet interface using an 802.3af POE-compliant power source, such as a POE midspan or POE Ethernet switch.
4. For a non-POE UDS1100 unit, supply power to the UDS1100 unit using the power supply that was included in the packaging.

NOTE

The required input voltage for the non-POE DUS1100 is 9-30 VDC (center +) or 10-24 VAC, 1.5W maximum power required.





Assigning an IP Address and TCP Port

The following instructions assume you have installed Device Installer Utility. See *UDS1100 User Guide* for more information about Device Installer Utility.

1. Open your Web Browser and type 172.18.11.190 in the Address Bar. This is the default address. The USD1100 prompts for a **User name** and **Password**.
2. Perform one of the following: If no Telnet password has been defined, which is the default, leave both fields blank and click **OK**. If a Telnet password has been defined, leave the **User name** blank, type in the **Password**, and then click **OK**. The Web-Manager then displays.
3. Select **Network** from the left main menu. The Network Setting page appears.
4. In Network Setting page, you can assign an IP Address automatically or manually. The IP Address configured here is what you should enter in the IP Address field if you select Network Port in DSC Panel **General** tab.

If you want assign an IP Address automatically:

- a. Select **Obtain IP Address** automatically.
- b. Select one of these options: **BOOTP**, **DHCP**, **AutoIP**, or **DHCP**. Refer to "Network Settings Options" on page 1 for a description of these options.

If you want to assign an IP Address manually:

- a. Select **Use the following IP configuration**.
 - b. Select one of the options that appears. Refer to "Network Settings Options" on page 1 for more information regarding these fields.
5. Select **Auto Negotiate**. For descriptions of this field, refer to "Network Settings Options" on page 1.
 6. Click **OK** to finish.

Assigning a TCP Port

1. In the Web-Manager page, select **Connection** from the left main menu. The **Connection Settings** page appears.
2. On the **Connection Settings** page, select **TCP** in the **Protocol** drop-down list.
3. Select **Auto Start** in the **Active Connect** drop-down list.

4. In the **Local Port** field, type the port number. This number is what you should enter in **TCP Port** field if you select Network Port in the DSC Panel **General** tab.
5. Click **OK** to finish.

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Overview

victor Unified Client must be installed before you install the Intercom Integration. For information on how to install victor, see the *victor Installation Quick Start Guide*.

The DSC PowerSeries Integration must be installed on every victor server and client system.

The DSC PowerSeries Integration has the same hardware, software, and disk space requirements as victor Unified Client. If the target computer can install victor, then it satisfies the DSC PowerSeries Integration requirements.

You need to perform the basic installation process described in the following pages on each computer in your victor system.

NOTE

Please be advised that the DSC PowerSeries Integration installation will temporarily shut down and restart the CrossFire Services. Therefore, the DSC PowerSeries installation should be planned accordingly.

Before You Begin

Prior to installing the DSC PowerSeries Integration, you should ensure the following:

- If you are installing DSC PowerSeries Integration on a corporate network, be sure to coordinate with your corporate network administrator.
- You must have the appropriate Windows permissions.
- You must be in the local Administrators group or have equivalent privileges.

NOTE

See the Microsoft Operating System documentation or your system administrator for more information.

Installation



The DSC PowerSeries Integration installation temporarily shuts down and restarts the CrossFire services. Therefore, the DSC PowerSeries Integration should be planned accordingly.

Running the Installation Program

1. Double-click **setup.exe**. A Tyco CrossFire Service Alert appears indicating that Tyco CrossFire services will be shut down.
2. Click **OK** to continue the installation. The Welcome dialog box opens.
3. Click **Next**. The License Agreement dialog box opens.
4. Click on the **I accept the terms of the license agreement** radio button, and then click **Next**.
You can also click **Print** to print a hard copy of the license agreement for your records. A copy of the license agreement is sent to the default printer configured in your printer settings.
The Database Server dialog box opens if you are installing the DSC PowerSeries integration on a victor server computer. The dialog box automatically selects the victor database server/instance and catalog. This dialog box allows you to choose the authentication method.
5. Click **Next**. The Ready to Install the Program dialog box opens.
6. Click **Install**. The Installing victor DSC PowerSeries Integration dialog box opens.
7. When the installation is complete, the InstallShield Wizard Completed dialog box opens. To automatically start the CrossFire Services after the installation, click in the **Start the Tyco CrossFire services** check box.
8. Click **Finish**.

Starting the Server Application Services

Before you can configure a DSC PowerSeries integration object, the **CrossFire Framework Service**, **CrossFire Server Component Framework Service**, and **DSC PowerSeries Driver Service** must be running.

If you did not select the **Start the Tyco CrossFire services** check box during the installation, you must manually start the services.

Manually starting the Server Services

1. From the Start Menu, select **Start>All Programs>Tyco>Server Configuration**. The Server Configuration Application opens.
2. Click the **Services** tab.
3. If the Status is displayed as **Stopped** for the **CrossFire Framework Service** under **Framework Services**, click **Start**.
4. If the Status is displayed as **Stopped** for the **Crossfire Server Component Framework Service** under Framework Services, click **Start**. Proceed to Step 5 after the **CrossFire Framework Services** each display a status of **Running**.
5. If the **DSC PowerSeries Driver Service** is not displaying **Running**, click in the **Enabled** checkbox, and click **Start**. When the **Crossfire Framework Service**, **CrossFire Server Component Framework Service**, and the **DSC PowerSeries Driver Service** each display a status of **Running**, you can configure DSC PowerSeries objects in victor.

Uninstall the Integration

This section describes how to uninstall the DSC PowerSeries Integration from the Server computer and Client computers in your security system.

The uninstall process removes all software components that were installed on the computer by the DSC PowerSeries integration installation. Once the uninstall process completes, the computer will be in a clean state.



Uninstalling this integration does not automatically remove objects that were configured in the victor Unified Client. Before you proceed with this uninstall, you must manually remove the objects from victor to avoid potential issues with functions, such as partition deletion.

Unless you intend to reinstall the integration and continue using it, ensure that the objects are deleted before removing the integration.

The DSC PowerSeries Integration uninstall procedure shuts down and restarts the CrossFire services. Therefore, the DSC PowerSeries Integration uninstall should be planned accordingly.

Uninstalling the Integration

NOTE

The uninstall procedure described is on a Windows 7, 32-bit computer. For other supported operating systems, please refer to your operating system guide for information about removing programs from your computer.

1. Close all open applications.
2. From the Windows **Start** menu, select **Control Panel>Programs and Features**.
3. In the list, right-click on the **DSC PowerSeries Integration**.
4. Click the **Change**. A Tyco CrossFire Service Alert appears indicating that Tyco CrossFire services will be shutdown. The Welcome dialog box opens.
5. Click **Next**. The Synchronize or remove installation dialog box opens.
6. Click **Remove** and click **Next**. The Ready Remove dialog box opens.
7. Select from the following:
 - Leave the **Drop database tables** check box unchecked and the databases used in the DSC PowerSeries integration configurations will be kept. Select this option to keep the existing configurations if you plan to reinstall the DSC PowerSeries integration at a later date.
 - Click in the **Drop database tables** check box to select it, and the databases used in the DSC PowerSeries integration configurations will be deleted.
8. Click **Remove**. The Removing dialog box opens.

NOTE

If there are files in use that need to be updated by the uninstall, the Files in Use dialog box opens. You will need to close the applications listed, and then go back and click **Retry** to continue with the uninstall.


9. The InstallShield Wizard Completed dialog box opens when the uninstall is complete. Click in the **Start the Tyco CrossFire services** check box to automatically start the services. Selecting this check box means you do not have to manually start the Tyco CrossFire services.
10. Click **Finish**.

DSC Panels

Configuring a DSC Panel11



Configuring a DSC Panel

Adding a DSC Panel

1. Select , then select **DSC Panel**. The DSC Panel editor appears.
2. Enter a **Name**.
3. Enter a **Description**.
4. Select the **Enabled** check box to put the panel online after configuration.
5. Select either **Serial Port** or **Network Port** depending on the communication requirements for the panel.

NOTE

Fields modify depending on whether you choose the **Serial Port** or **Network Port** option. Refer to "Fields of the DSC Panel editor" below for further information regarding these fields.


6. Enter the **Installer Code** of this panel.
7. Select a time in minutes for the **Auto Time Update Delay**.
8. Select a time zone for the panel.
9. Select  to add associated hardware to this panel.
10. Select  to save and close.

Editing a DSC Panel

1. Select , and then select **DSC Panel**.
2. Select the panel that you want to edit. The DSC Panel editor opens.

NOTE

Editing a DSC Panel requires the panel to be offline. If the panel is already enabled, clear the **Enabled** check box and then click **Save** to begin your edits.

3. Make the edits that you require and click  to save and close.

Deleting a DSC Panel

1. Select , and then select **DSC Panel**. A list of configured DSC Panels appears.
2. Right-click the panel that you want to delete and click **Delete**.
3. The **Deleting Objects in Use** dialog box appears. Click **Yes**.

Fields of the DSC Panel editor

The following sections describe the fields of the DSC Panel editor.

General section

| Field | Description |
|--------------------|--|
| Name | Enter a unique name up to 50 characters long for the DSC panel. |
| Description | Enter a general comment about the Panel. |
| Enabled | Select this option to establish the communication between victor and the DSC panel. Note: If you can't enable it successfully, please check your connection. Clear this option to disable the DSC panel. |

Communication Protocol section

| Field | Description |
|--------------------------------------|---|
| Communication Type | Serial Port: In the COM Port drop-down list, select the COM Port number connected to serial port of IT-100 module, with which the DSC panel communicates with the DSC hardware. In the Baud Rate drop-down list, select associated baud rate. The default baud rate is 9600. |
| | Network Port: Type the IP address and TCP Port when you used UDS1100 to convert serial port of IT-100 module into a network port, with which the victor server can remote manage DSC panel. |
| Installer Code | This is the installer code for the panel. |
| Software Version | This field displays the software version of the panel. |
| Auto Time Update Delay (min) | This field displays the time interval for updating the date and time in the DSC system. |
| Last Sync Partition-Zone Time | This field displays the specific time when you last synchronized the partition and zone mapping. |
| Synchronize | Click this field to synchronize the partition and zone mapping from DSC hardware when it is connected to victor. |
| Time Zone | This field displays the current time zone configured on the DSC Panel or configures the time zone for the panel. |

Associations section

Panel Status

| Field | Values | Description |
|----------------------|-----------------|---------------------------|
| Online Status | Online | The panel is online. |
| | Offline | The panel is offline. |
| | Disabled | The panel is unavailable. |

| Field | Values | Description |
|-----------------------------|---------------------|---|
| Trouble Status | Trouble | The DSC panel is in trouble status and the trouble LED is ON. |
| | Unknown | The DSC driver is shut down or disabled. |
| | Normal | The DSC panel is not in trouble status. |
| Tamper Status | Tamper | The system is tampered. |
| | Unknown | The DSC driver is shut down or disabled. |
| | Normal | The DSC panel is not in Tamper status. |
| Communication Status | Comm Unknown | The DSC driver is shut down or disabled. |
| | Comm Fail | The Com Port connection failed. |
| | Comm Normal | The Com Port connection is successful. |



Configuring DSC Partitions

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Configuring a DSC Partition

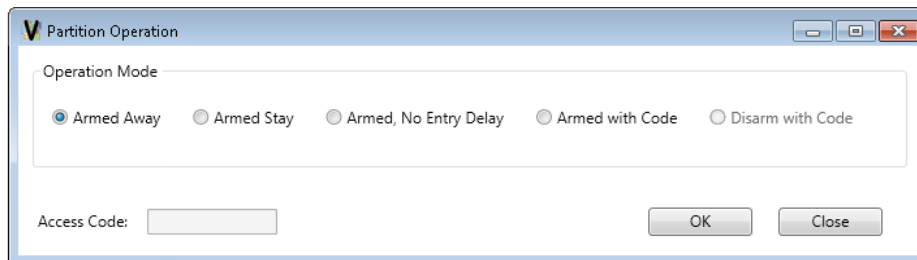
A DSC Partition object represents the partitions in the victor database.

Editing a DSC Partition

1. Select , then select **DSC Partitions**.
2. Select the partition that you want to edit. The DSC Partition editor appears.
3. Make the edits for the partition that you require. Refer to "Fields of the DSC Partition editor" on the facing page
4. Click  to save and close.


Arming a Partition

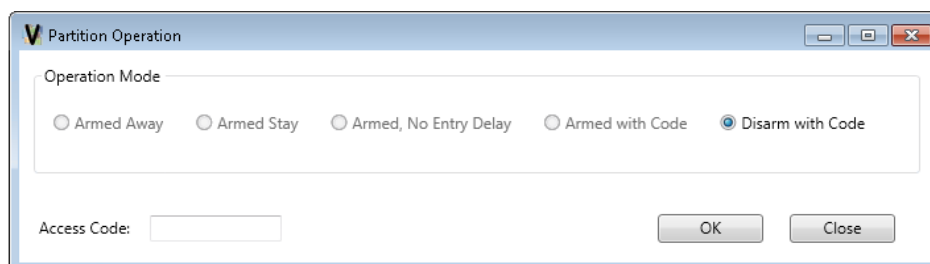
1. Select , then select **DSC Partitions**.
2. Right-click the partition that you want to arm, and then select **Arm** from the drop-down list.



3. The **Partition Operation** dialog box opens. Select an operation mode and click **OK**. If armed successfully, the dialog box will close automatically. You can check the partition's status in the **Partition Status** section of the DSC Partition editor. If the partition fails to arm, the dialog box will remain open and is registered in the **Activity** list.

Disarming a Partition


1. Select , then select **DSC Partitions**.
2. Right-click the partition you want to disarm, and then select **Disarm** from the drop-down list. The **Partition Operation** dialog box opens.

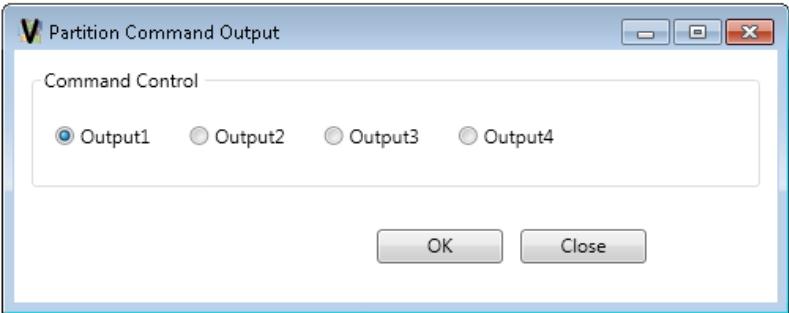


3. The only operation mode is **Disarmed with Code**. Type the Access Code in the **Access Code** field and click **OK**.

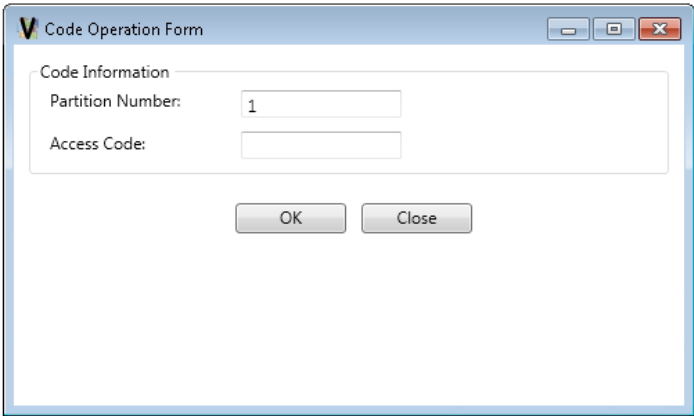
Using Command Output

You can select Command Output for a partition which activates any PGM output assigned to the command output in a partition.

- 1. Select , then select **DSC Partitions**.
- 2. Right-click the partition and select **Command Output** from the drop-down list. The Partition **Command Output** dialog box appears.
- 3. Select an output and click **OK**.



- 4. If the DSC hardware requires an access code, the Code Operation dialog box appears. Enter the valid access code and click **OK**. The DSC panel will then activate any PGM output assigned to the selected command output in this partition.



Fields of the DSC Partition editor

The following sections describe the fields of the DSC Partition editor.

General section

| Field | Description |
|-------------|--|
| Name | Displays a unique name up to 50 characters long for the DSC partition. |
| Description | Enter a general comment about the DSC partition. |
| Enabled | Select this option to enable this DSC partition or clear this option to disable the DSC partition. |

Partition Information section

| Field | Description |
|---------------------------------------|--|
| Partition Number | Displays the DSC partition number. |
| Assigned To | Displays which DSC panel this partition belongs to. |
| Send state changes to Activity | Select this option to send changes to the Activity list. |

Associations section

Click  to associate additional hardware with this zone.

Partition Status section

| Field | Values | Description |
|---------------------|------------|--|
| Ready Status | Ready | Ready to arm. |
| | Not Ready | Not ready to arm. |
| | Busy | The Keypad is occupied. |
| | Unknown | The DSC driver is shut down or disabled. |
| Armed Status | Away armed | The partition is away armed. |
| | Stay armed | The partition is stay armed. |
| | Disarmed | The partition is disarmed. |
| | Unknown | The DSC driver is shut down or disabled. |
| Alarm Status | Alarm | The partition is in fault status. |
| | Normal | The partition is normal, no alarm. |
| | Unknown | The DSC driver is shut down or disabled. |



Configuring DSC Zones

| | |
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Configuring a DSC Zone

A DSC Zone refers to the physical interface in the panel. The DSC Zone editor provides related zone information.

Editing a DSC Zone

1. Select , and then select DSC Zones.
2. Select the zone that you want to edit. The DSC Zone editor appears.
3. Make the edits for the partition that you require. Refer to "Fields of the DSC Zone editor" below for more information regarding the fields of this editor.
4. Click  to save and close.

Fields of the DSC Zone editor

The following sections describe the fields of the DSC Zone editor.

General section

| Field | Description |
|--------------------|--|
| Name | Displays a unique name up to 50 characters long for the DSC zone. |
| Description | Enter a general comment about the DSC zone. |
| Enabled | Select this option to enable this DSC zone or clear this option to disable the DSC zone. |

Zone Information section

| Field | Description |
|---------------------------------------|--|
| Zone Number | Displays the DSC zone number. |
| Assigned To | Displays which DSC panel this zone belongs to. |
| Send state changes to Activity | Select this option to send changes to the Activity list. |

Partitions section

This section shows the information of the partition that belongs to this zone.

Associations section

Click  to associate additional hardware with this zone.

Zone Status section

| Field | Values | Description |
|----------------------|----------------|--|
| Alarm Status | Alarm | The zone is in alarm status. |
| | Alarm Restore | The zone is not in alarm status. |
| | Unknown | The DSC driver is shut down or disabled. |
| Tamper Status | Tamper | The zone is in tamper status. |
| | Tamper Restore | The zone is not in tamper status. |
| | Unknown | The DSC driver is shut down or disabled. |
| Fault Status | Fault | The zone is in fault status. |
| | Fault Restore | The zone is not in fault status. |
| | Unknown | The DSC driver is shut down or disabled. |
| Open Status | Open | The zone is in open status. |
| | Open Restore | The zone is not in open status. |
| | Unknown | The DSC driver is shut down or disabled. |

Virtual Keypad

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DSC Keypad Editor Overview

Visual Keypad is the simulation of a Power Series keypad. The four symbols on the top-right represent the four status LEDs on the Power Series keypad respectively. All keyboard buttons function the same as those on the PowerSeries keypad. If you want to configure the panel via the keypad, see *PC1166/PC1832/PC1864 User Manual* for more information.

NOTE

The visual keypad functions identically to an actual PowerSeries keypad and is provided for convenience only. Refer to your DSC documentation for instructions of using the keypad. American Dynamics is not responsible for supporting usage of this feature.

Accessing the DSC Keypad Editor

1. Select  to open the Devices list.
2. Click  to display all DSC Keypads.
3. Right-click the keypad that you want to access, and then click **View Keypad**. The virtual keypad appears.

NOTE

If there is nothing to show on the green LED area, you can click # to initiate the communication between the Virtual Keypad with the DSC panel.

DSC Keypad Editor



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DSC Armed Command Actions

Adding DSC Armed Command Actions

1. Select , then select **DSC Armed Command Actions**. The DSC Armed Command Action editor opens. For more information about the fields, refer to "Fields of the DSC Armed Command Actions editor" below.
2. Enter a **Name**.
3. Enter a **Description**.
4. Enter a **DSC Partition**.
 - a. Click  to open the **Object Selector**.
 - b. Select the partition to be the object of this action.
 - c. Click **OK**.


Fields of the DSC Armed Command Actions editor

The following tables describe the fields of the DSC Armed Command Actions editor.

General section




| Field | Description |
|--------------------|--|
| Name | Displays a unique name up to 50 characters long for the DSC Command Output Action. |
| Description | Enter a general comment. |


Details section

| Field | Description |
|----------------------|---|
| DSC Partition | Click  to select a partition from the Object Selector as the object of this action. |
| Modes | Select an alarm mode. |
| Access Code | Enter the access code. |

DSC Command Output Actions

Adding DSC Command Output Actions

1. Select , then select **DSC Command Output Actions**. The Command Output Action editor opens. For more information about the fields of the DSC Command Output Action editor, see "Fields of the Command Output Actions editor" below.
2. Enter a **Name**.
3. Enter a **Description**.
4. Enter a **DSC Partition**.
 - a. Click  to open the **Object Selector**.
 - b. Select the partition to be the object of this action.
 - c. Click **OK**.
5. Select a **Command Control** by selecting the radio button of the required output.
6. Click  to save and close.



General

Name: test2

Description:

Details

DSC Partition : DSC_Partition_1

Command Control

☒ Output1

☐ Output2

☐ Output3

☐ Output4


Fields of the Command Output Actions editor

The following tables describe the fields and values of the Command Output Action editor.

General section



| Field | Description |
|-------------|--|
| Name | Displays a unique name up to 50 characters long for the DSC Command Output Action. |
| Description | Enter a general comment. |

Details section

| Field | Description |
|-----------------|---|
| DSC Partition | Click  to open the Object Selector and select a partition as the object of this action. |
| Command Control | Select an Output for the action of the DSC Command Output Action. |

DSC FAP Alarm Command Actions

Adding DSC FAP Alarm Command Actions

1. Select , then select **DSC FAP Alarm Command Actions**. The DSC FAP Alarm Command Actions editor opens. For more information about the fields of this editor, refer to "Fields of the DSC FAP Alarm Command Actions editor" below.
2. Enter a **Name**.
3. Enter a **Description**.
4. Enter a **DSC Panel**.
 - a. Click  to open the **Object Selector**.
 - b. Select the panel to be the object of this action.
 - c. Click **OK**.
5. Select a **Key Type**.


Fields of the DSC FAP Alarm Command Actions editor

The following tables describe the fields of the DSC FAP Alarm Command Actions editor.

General section



| Field | Description |
|--------------------|--|
| Name | Displays a unique name up to 50 characters long for the DSC Command Output Action. |
| Description | Enter a general comment. |

Details section

| Field | Description |
|------------------|---|
| DSC Panel | Click  to open the Object Selector and select a panel as the object of this action. |
| Key Type | Select a key type. |

DSC Disarmed Command Actions

Adding DSC Disarmed Command Actions

1. Select , then select **DSC Disarmed Command Actions**. The DSC Disarmed Command Action editor opens. For more information about the fields, refer to "Fields of the DSC Disarmed Command Actions editor" below.
2. Enter a **Name**.
3. Enter a **Description**.
4. Enter a **DSC Partition**.
 - a. Clicking  to open the **Object Selector**.
 - b. Select the partition to be the object of this action.
 - c. Click **OK**.
5. Enter an **Access Code**.


Fields of the DSC Disarmed Command Actions editor

The following tables describe the fields of the DSC Disarmed Command Actions editor.

General section

| Field | Description |
|--------------------|--|
| Name | Displays a unique name up to 50 characters long for the DSC Command Output Action. |
| Description | Enter a general comment. |


Details section

| Field | Description |
|----------------------|---|
| DSC Partition | Click  to select a partition from the Object Selector as the object of this action. |
| Access Code | Enter the access code. |

Scheduling an Event


You can create and configure **Events** from within the client. Use the **Event Setup** editor to configure alerts for DSC specific actions. For more information regarding configuration of events, alerts, and actions refer to *victor Unified Client Administration and Configuration Guide*.

Creating an Event

1. Select , then select **Event**.
2. Enter a **Name**.
3. Enter a **Description**.
4. The **Enabled** check box is checked by default, clear to disable the event.
5. Configure the Event Properties.
 - a. Select the **Priority** from the drop-down list.

NOTE

Each priority level is associated with a color which is made prominent in the Event viewer when the event is triggered.

- b. The **Armed** checkbox is selected by default. Clear the checkbox to change the event's default state.
6. Configure the Event Text:
 - a. Enter the **Activate Text**. This text displays in the event viewer. If the activity list is open, this text displays when the event triggers.
 - b. Enter **Instructions** for the user. These are conveyed to the user with the event triggers.
7. Configure the Event Procedures
 - a. (Optional) Use one of the following methods to select a **Document Procedure**.
 - Click the **Select Procedure** icon to select a previously-uploaded procedure:
 - Click the **Upload a procedure** icon to upload a procedure file.
 - Click the **Add procedure as a link** icon to add a link to the procedure file.
8. Configure Event Sounds:
 - a. Select **Play Sound When Active** check box if an audible alarm is required when the event triggers.
 - b. Select  to open the **Select Sound** dialog box. Navigate to the sound you want and select the file.
 - c. Select **Open**.

NOTE

Only .wav sound files are supported.

The files must be located in the ...\\WINDOWS\\Media folder. If a custom .wav file is required, copy to this location.

9. Configure the Event Acknowledge and Clear options:
 - a. Expand the **Acknowledge and Clear Options** section.
 - b. Select or clear checkboxes depending on how you want users to acknowledge or clear the event:
 - Require log message to be entered when acknowledged
 - Require log message to be entered when cleared

- User name and password required to acknowledge
- User name and password required to clear
- Breakthrough

NOTE



Event Breakthrough assigns priority to the event viewer. When the event triggers, it overrides anything else that the user views.

10. (Optional) Link the event to an action:

- Expand the **Action Pairings** section.
- Select one of the following options:
 - Select an action from the list.
 - Click the **New Item** icon to create a new action.

11. Select **Save**.

12. Select one of the following options:

- Select  to open the Event/Schedule Setup editor.
- Select  to open the Event/Action Pairing editor

Event Configuration

Using the **Event/Action Pairing** editor and the **Event Setup** editor, you can build multiple even configurations quicker and easier than building single event configurations one at a time.

Event/Action Pairing Editor



Use the **Event/Action Pairing** editor to link system events with actions that you want to trigger.

NOTE

Event/Action association can only be made in this editor.

Figure 1: The Event/Action Pairing editor

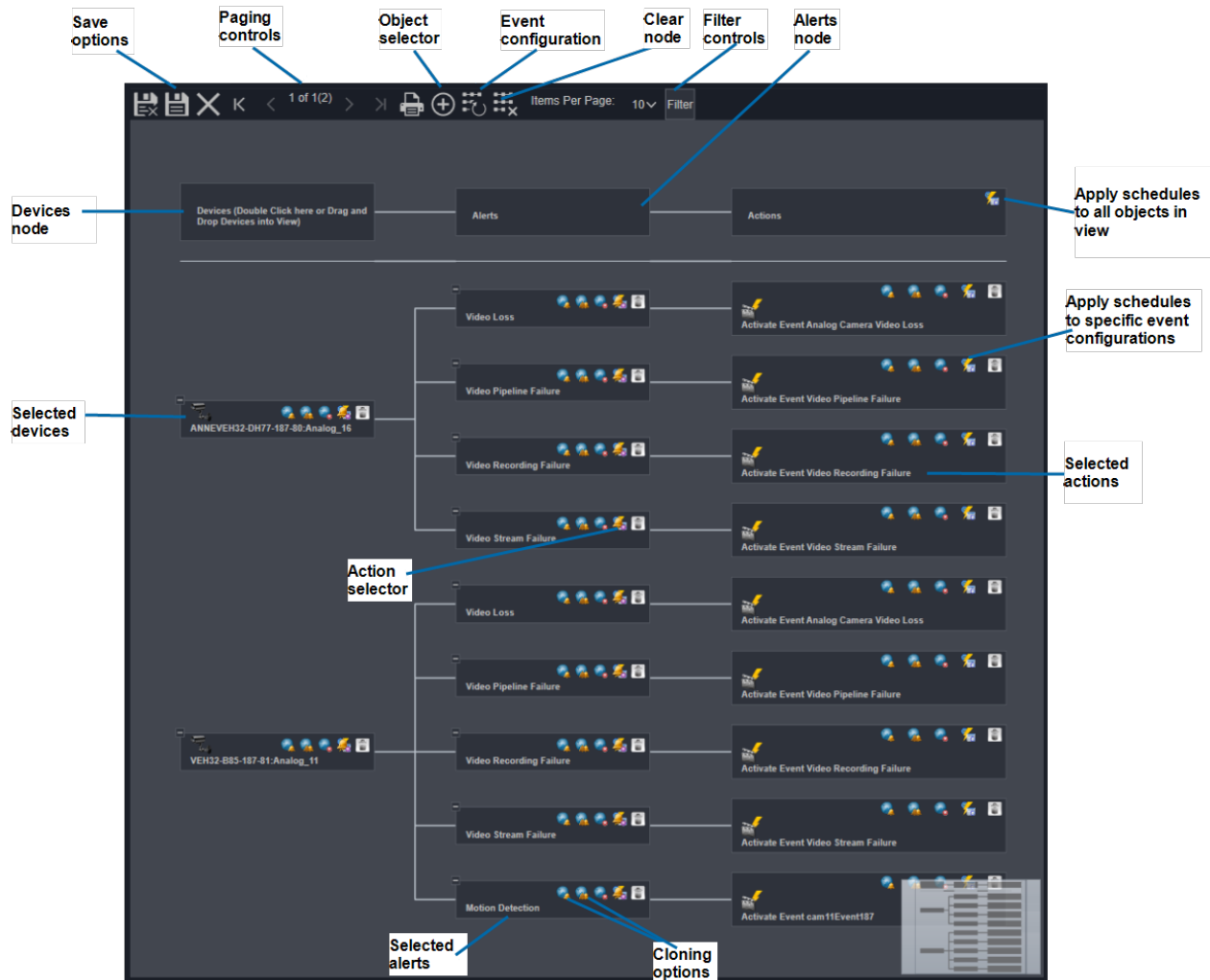
Pairing Events and Actions







1. Select , then select **Event/Action Pairing**. The Event/Action Pairing editor opens.
2. Click the **Events** node and use the Object Selector to select events as required.
3. Select  in the **Event** node and use the **Object Selector** to assign even Actions. Repeat as required.
4. Select **Save**.

Event Setup

The **Events/Schedule Setup** editor provides a dynamic, visual method of bath linking **Devices**, **Alerts**, and **Actions** as well as setting up event scheduling.

Figure 2: The Event/Schedule Setup editor



1. Select , then select **Event/Schedule Setup**.
2. Double-click the **Devices** node and use the **Object Selector** to select the device, or drag and drop from the **Device List**.
3. Select  in the **Devices** node and use the check boxes in the drop-down list to assign alerts as required. Click **Add Alerts**. These alerts are displayed under the **Alerts** node.
4. Select  in the **Alerts** node and use the **Object Selector** to assign **Actions**. Repeat as required.
5. Use merge and clone options as required to copy configurations:
 - Select  to merge and clone target configuration.
 - Select  to duplicate source configuration to all targets.
 - Select  to remove configuration on source and target.



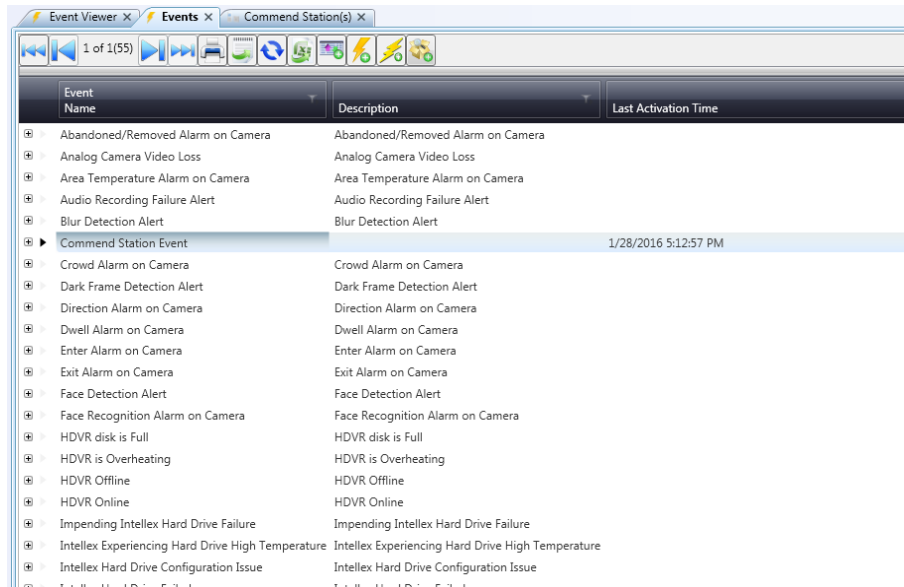
6. Select  to add or remove schedules as you require. Refer to the *victor Unified Client Administration and Configuration Guide* for more information about schedules.
7. Following event setup, select  to save and close.

Figure 3: Event triggered



| Event Name | Description | Last Activation Time |
|---|---|----------------------|
| Abandoned/Removed Alarm on Camera | Abandoned/Removed Alarm on Camera | |
| Analog Camera Video Loss | Analog Camera Video Loss | |
| Area Temperature Alarm on Camera | Area Temperature Alarm on Camera | |
| Audio Recording Failure Alert | Audio Recording Failure Alert | |
| Blur Detection Alert | Blur Detection Alert | |
| Commend Station Event | | 1/28/2016 5:12:57 PM |
| Crowd Alarm on Camera | Crowd Alarm on Camera | |
| Dark Frame Detection Alert | Dark Frame Detection Alert | |
| Direction Alarm on Camera | Direction Alarm on Camera | |
| Dwell Alarm on Camera | Dwell Alarm on Camera | |
| Enter Alarm on Camera | Enter Alarm on Camera | |
| Exit Alarm on Camera | Exit Alarm on Camera | |
| Face Detection Alert | Face Detection Alert | |
| Face Recognition Alarm on Camera | Face Recognition Alarm on Camera | |
| HDVR disk is Full | HDVR disk is Full | |
| HDVR is Overheating | HDVR is Overheating | |
| HDVR Offline | HDVR Offline | |
| HDVR Online | HDVR Online | |
| Impending Intellex Hard Drive Failure | Impending Intellex Hard Drive Failure | |
| Intellex Experiencing Hard Drive High Temperature | Intellex Experiencing Hard Drive High Temperature | |
| Intellex Hard Drive Configuration Issue | Intellex Hard Drive Configuration Issue | |
| Intellex Hard Drive Failed | Intellex Hard Drive Failed | |

DSC Activity Messages

DSC Activity messages tables 36

DSC Activity messages tables

The following tables list the messages that can be reported by the DSC Integration products to the victor database.

"#" in the table is used to represent an object such a panel name, point name, or computer name, The actual value for the object property will replace the "#" in the Journal.

Table 1: DSC Device Activity Messages

| Message Type | Object | State Change | Message |
|-------------------------|----------------------------|---------------------|---|
| DSC Object Change State | DSC Panel | Enabled | DSC Panel# is enabled. |
| | | Disabled | DSC Panel# is disabled. |
| | | Online | DSC Panel#, communication restored. |
| | | Offline | DSC Panel#, communication failure. |
| | DSC Partition | Ready | DSC Panel#, Partition # is ready. |
| | | Not Ready | DSC Panel#, Partition # is not ready. |
| | | Away Armed | DSC Panel#, Partition # is away armed |
| | | Stay Armed | DSC Panel#, Partition # is stay armed. |
| | | Away No Delay Armed | DSC Panel#, Partition # is away no delay armed. |
| | | Stay No Delay Armed | DSC Panel#, Partition # is stay no delay armed. |
| | | Ready to Force Arm | DSC Panel#, Partition # is ready to force arm. |
| | | Busy | DSC Panel#, Partition # is busy. |
| | | Disarmed | DSC Panel#, Partition # is disarmed. |
| | | Alarm | DSC Panel#, Partition # is in alarm. |
| | DSC Zone | Zone Alarm | DSC Panel#, Zone # alarm. |
| | | Zone Alarm Restore | DSC Panel#, Zone # alarm restore. |
| | | Zone Tamper | DSC Panel#, Zone # tamper. |
| | | Zone Tamper Restore | DSC Panel#, Zone # tamper restore. |
| | | Zone Fault | DSC Panel#, Zone # fault. |
| | | Zone Fault Restore | DSC Panel#, Zone # fault restore. |
| | | Zone Open | DSC Panel#, Zone # open. |
| | | Zone Restored | DSC Panel#, Zone # open restore. |
| DSC Device Activity | DSC Panel DSC Partition | Duress Alarm | DSC Panel# system duress alarm. |
| | | Key Alarm | DSC Panel# Fire (Auxiliary, Panic) key alarm. |

| Message Type | Object | State Change | Message |
|--------------|--------|------------------------------------|--|
| | | Key Restoral | DSC Panel# Fire (Auxiliary, Panic) key alarm restore. |
| | | Auxiliary Input Alarm | DSC Panel# auxiliary input alarm. |
| | | Auxiliary Input Alarm Restoral | DSC Panel# auxiliary input alarm restoral. |
| | | Exit Delay in Progress | DSC Panel#, Partition # exit delay in progress. |
| | | Keypad Lock out | DSC Panel#, Partition # keypad lock out. |
| | | Keypad Blanking | DSC Panel#, Partition # command output in progress. |
| | | Command Output In Progress | DSC Panel# command output in progress. |
| | | Invalid Access Code | DSC Panel#, Partition # invalid access code. |
| | | Function Not Available | DSC Panel#, Partition # function not available |
| | | Fail to arm | DSC Panel#, Partition # fail to arm, please contact administrator. |
| | | User Closing | DSC Panel#, Partition # has been armed but one or more zones have been bypassed. |
| | | Panel Battery Trouble | DSC Panel# battery trouble. |
| | | Panel Battery Trouble Restore | DSC Panel# battery trouble restore. |
| | | Panel AC Trouble | DSC Panel# AC trouble. |
| | | System Bell Trouble | DSC Panel# system bell trouble. |
| | | System Bell Trouble Restoral | DSC Panel# system trouble/restore. |
| | | TLM Line 1 Trouble | DSC Panel# TLM line 1 trouble. |
| | | TLM Line 1 Trouble Restored | DSC Panel# TLM line 1 trouble restore. |
| | | TLM Line 2 Trouble | DSC Panel# TLM line 2 trouble. |
| | | TLM Line 2 Trouble Restored | DSC Panel# TLM line 2 trouble restore. |
| | | FTC Trouble | DSC Panel# FTC trouble. |
| | | Buffer Near Full | DSC Panel# buffer near full. |
| | | General Device Low Battery | DSC Panel#, Zone # general device low battery. |
| | | General Device Low Battery Restore | DSC Panel#, Zone # general device low battery restore. |
| | | Wireless Key Low Battery Trouble | DSC Panel# wireless key low battery trouble. |

| Message Type | Object | State Change | Message |
|--------------|--------|---|---|
| | | Wireless Key Low Battery Trouble Restore | DSC Panel# wireless key low battery trouble restore. |
| | | Handheld Keypad Low Battery Trouble | DSC Panel# handheld keypad low battery trouble. |
| | | Handheld Keypad Low Battery Trouble Restore | DSC Panel# handheld keypad low battery trouble restore. |
| | | General System Tamper | DSC Panel# general system tamper. |
| | | General System Tamper Restore | DSC Panel# general system tamper restore. |
| | | Home Automation Trouble | DSC Panel# home automation trouble. |
| | | Home Automation Trouble Restore | DSC Panel# home automation trouble restore. |
| | | Trouble Status | DSC Panel# trouble status open. |
| | | Trouble Status Restore | DSC Panel# trouble status off. |
| | | Fire Trouble Alarm | DSC Panel# fire trouble alarm. |
| | | Fire Trouble Alarm Restore | DSC Panel# fire trouble alarm restore. |

Table 2: DSC System Activity and Error Messages

| Message Type | Object | State Change | Message |
|---------------------|--------|-----------------|--|
| DSC System Activity | Driver | Start | System Activity: DSC PowerSeries Integration driver start on computer #. |
| | | Shut down | System Activity: DSC PowerSeries Integration driver shut down on computer #. |
| DSC System Error | Driver | Start error | System Error: DSC PowerSeries Integration driver start failed on computer #. |
| | | Shut down error | System Error: DSC PowerSeries Integration driver shut down failed on computer #. |